Title (en)

REDUCING RESOURCES IN A HIGH RELIABILITY DATA STORAGE SUBSYSTEM

Publication

EP 0351109 A3 19910814 (EN)

Application

EP 89306654 A 19890630

Priority

US 21745188 A 19880711

Abstract (en)

[origin: EP0351109A2] To improve data reliability in a computer system, at least one primary copy and one secndary duplicate copy of data are stored each in a different storage devices having similar access characteristics. Periodically, a copy of the data is logged into an archival device. The secondary copy is then removed from the storage devices. The space occupied by the removed secondary copy is reallocated to store other data.

IPC 1-7

G06F 11/00

IPC 8 full level

G06F 12/08 (2006.01); **G06F 3/06** (2006.01); **G06F 11/14** (2006.01); **G06F 11/20** (2006.01); **G06F 12/16** (2006.01); **G11C 29/00** (2006.01); G06F 11/08 (2006.01)

CPC (source: EP KR)

G06F 11/1456 (2013.01 - EP); **G06F 11/1466** (2013.01 - EP); **G06F 11/1471** (2013.01 - EP); **G06F 11/2087** (2013.01 - EP); **G06F 12/16** (2013.01 - KR); **G11C 29/74** (2013.01 - EP); G06F 11/08 (2013.01 - EP)

Citation (search report)

- [A] EP 0096199 A2 19831221 - IBM [US]
- [A] SIEMENS POWER ENGINEERING. vol. 5, no. 5, September 1983, BERLIN DE pages 266 - 270; M. SWIECZKOWSKI: 'Data Security in the DVS 300 Data Management System '
- [A] PROCEEDINGS OF THE 21ST IEEE COMPUTER SOCIETY INTERNATIONAL CONFERENCE, FALL COMPCON 80 September 23, 1980, WASHINGTON, D.C., US pages 101 - 107; T.M. RYAN: 'Backup and Recovery for Distributed Interactive Computer Systems '

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DOCDB simple family (application)

EP 89306654 A 19890630; AU 3715289 A 19890628; CA 605265 A 19890710; DK 340789 A 19890710; JP 17888889 A 19890711; KR 890009812 A 19890710; NZ 22974089 A 19890627